

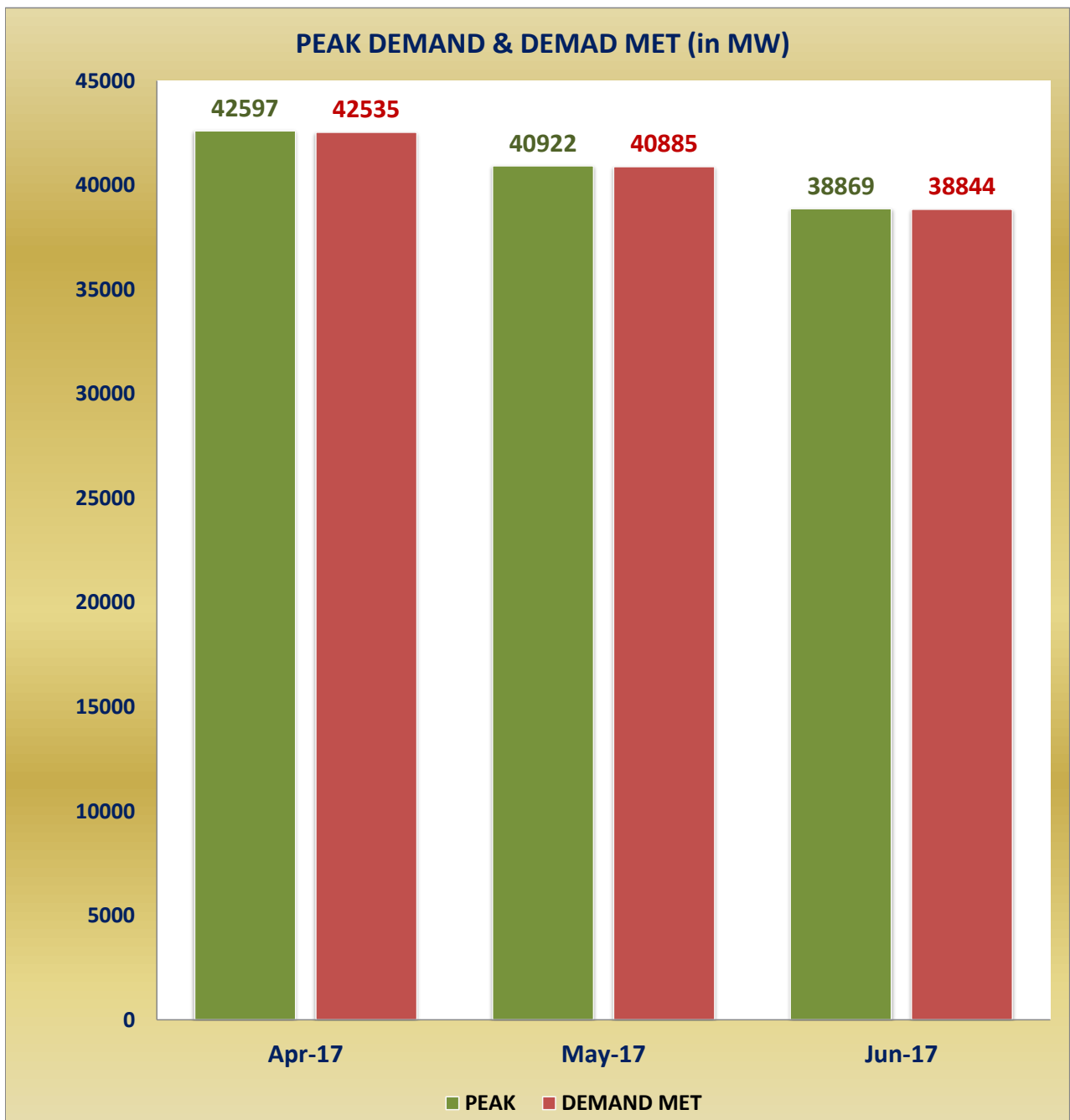
1. POWER SUPPLY POSITION

a) Peak Demand Met and Unrestricted Demand

Month	State/UT	Unrestricted Demand (MW)	Peak Demand Met (MW)	Shortage (MW)	Shortage (%)
Apr-17	Andhrapradesh	7879	7860	18.81	0.24
	Telangana	9012	9001	11.10	0.12
	Karnataka	9987	9987	0.00	0.00
	Kerala	3868	3868	0.00	0.00
	Tamilnadu	15196	15196	0.00	0.00
	Pondicherry	380	380	0.00	0.00
	S.Region	42597	42535	62.50	0.15
May-17	Andhrapradesh	7882.00	7882.00	0.00	0.00
	Telangana	7396.00	7396.00	0.00	0.00
	Karnataka	9358.17	9358.17	0.00	0.00
	Kerala	3843.36	3843.36	0.00	0.00
	Tamilnadu	15072.47	15035.40	37.07	0.25
	Pondicherry	376.96	376.00	0.96	0.26
	S.Region	40922.50	40885.00	37.50	0.09
Jun-17	Andhrapradesh	8016.72	8000.00	16.72	0.21
	Telangana	7215.88	7207.00	8.88	0.12
	Karnataka	8617.78	8611.97	5.82	0.07
	Kerala	3605.24	3605.24	0.00	0.00
	Tamilnadu	14829.65	14776.10	53.55	0.36
	Pondicherry	374.39	373.00	1.39	0.37
	S.Region	38869.00	38844.00	25.00	0.06

b) SR Demand chart

Month	Peak Demand(MW)	Demand Met(MW)	Shortage(MW)	% Shortage
Apr-17	42597	42535	62	0.1
May-17	40922	40885	37	0.1
Jun-17	38869	38844	25	0.1

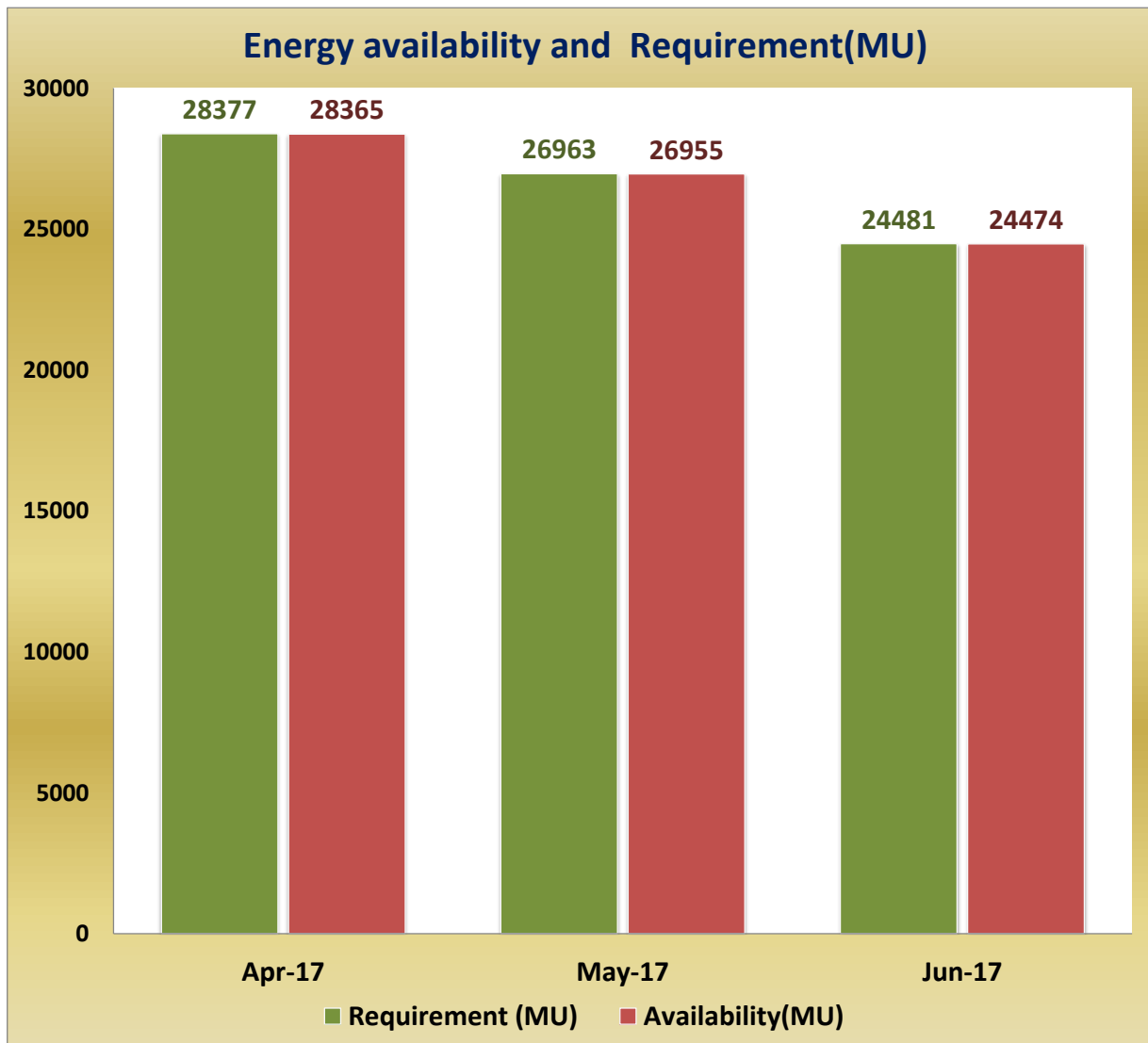


C. Energy availability and Requirement(MU)

Month	State/UT	Requirement (MU)	Energy met (MU)	Shortage (MU)	Shortage (%)
Apr-17	<i>Andhrapradesh</i>	4969	4967	1.81	0.04
	<i>Telangana</i>	5090	5088	1.92	0.04
	<i>Karnataka</i>	6336	6334	2.51	0.04
	<i>Kerala</i>	2218	2216	2.06	0.09
	<i>Tamilnadu</i>	9539	9535	3.56	0.04
	<i>Pondicherry</i>	226	226	0.23	0.10
	<i>S.Region</i>	28377	28365	12.08	0.04
May-17	<i>Andhrapradesh</i>	4973	4972	1.25	0.03
	<i>Telangana</i>	4431	4430	1.33	0.03
	<i>Karnataka</i>	5453	5451	1.74	0.03
	<i>Kerala</i>	2185	2184	1.37	0.06
	<i>Tamilnadu</i>	9687	9685	2.47	0.03
	<i>Pondicherry</i>	233	233	0.06	0.03
	<i>S.Region</i>	26963	26955	8.23	0.03
Jun-17	<i>Andhrapradesh</i>	4361	4358	3.56	0.08
	<i>Telangana</i>	3877	3876	0.27	0.01
	<i>Karnataka</i>	4956	4955	0.35	0.01
	<i>Kerala</i>	1894	1891	2.59	0.14
	<i>Tamilnadu</i>	9171	9170	0.49	0.01
	<i>Pondicherry</i>	223	223	0.24	0.11
	<i>S.Region</i>	24481	24474	7.49	0.03

D. Energy availability and Requirement (in MU) chart

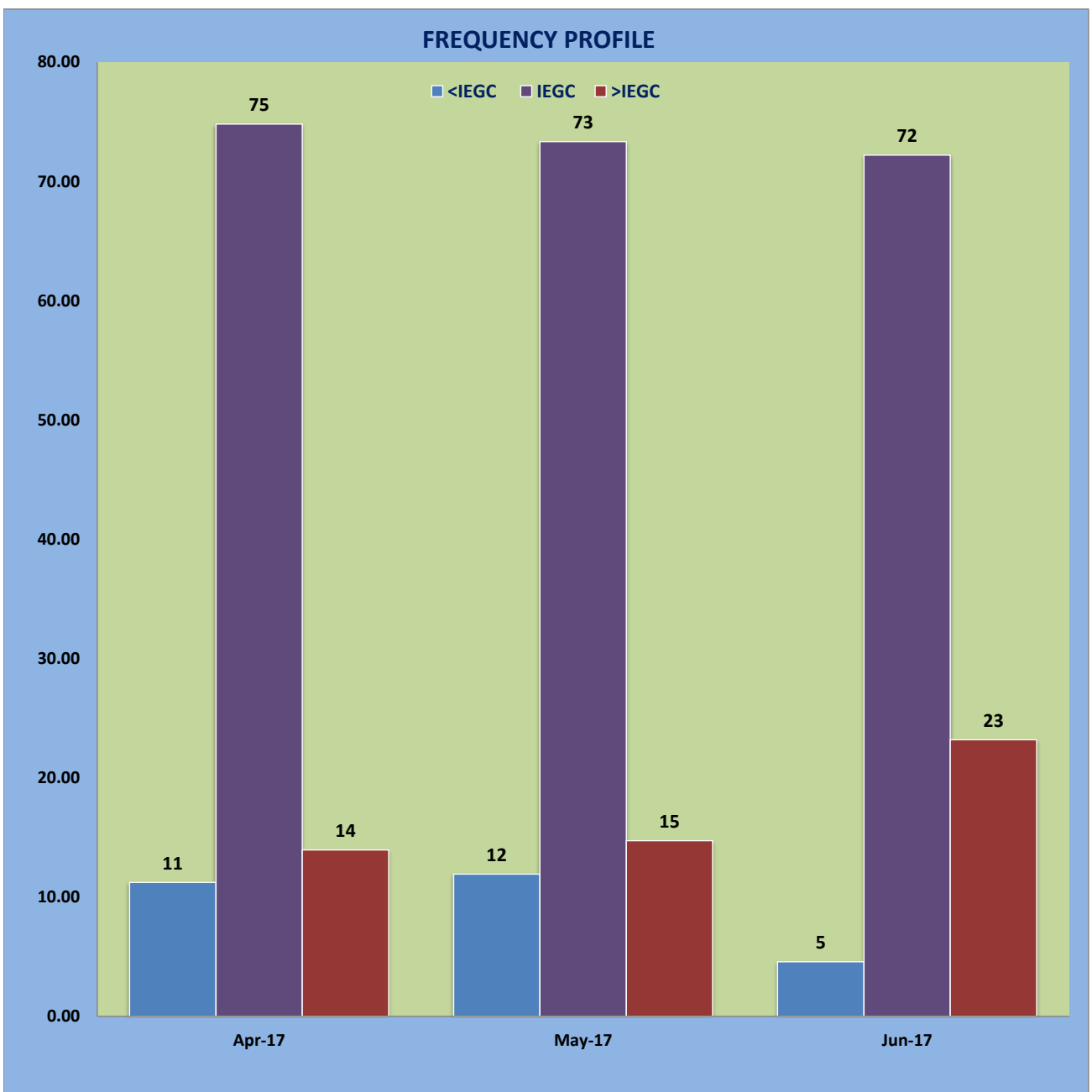
Month	Requirement (MU)	Availability(MU)	Shortage	% Shortage
Apr-17	28377	28365	12.08	0.04
May-17	26963	26955	8.23	0.03
Jun-17	24481	24474	7.49	0.03



2. QUALITY OF SERVICE

a) Frequency Profile (% time)

Month	<49.7	<49.7-49.9	49.9-50.05	>50.05-50.20	>50.2
Apr-17	0	11	75	14	0
May-17	0	12	73	15	0
Jun-17	0	5	72	23	0



b) Voltage Profile

Month	Apr-17		May-17		Jun-17	
Station	Max (kV)	Min (kV)	Max (kV)	Min (kV)	Max (kV)	Min (kV)
Ramagundam	422	401	422	401	424	397
Hyderabad	427	397	427	397	427	386
Bangalore	426	403	426	403	429	387
Madras	424	400	424	400	419	392
Neyveli	420	398	420	398	416	399
Kolar	428	404	428	404	424	393
Vijaywada	429	396	429	396	425	398
Trichur	425	381	425	381	425	381
Udumalpet	433	393	433	393	435	395

3. INTER-REGIONAL EXCHANGES (PHYSICAL) in MU

Month	Bhadravati	Gazuwaka	Talcher-Kolar	Raichur-Sholapur D/C	Kudgi-Kolhapur D/C	Angul-Srikakulam D/C
	Import SR(MU)	Import SR(MU)	Import SR(MU)	Import SR(MU)	Net Import (MU)	Net Import (MU)
Apr-17	624	453	1319	978	94	-
May-17	516	417	1163	705	-98	321
Jun-17	373	413	1019	780	47	418

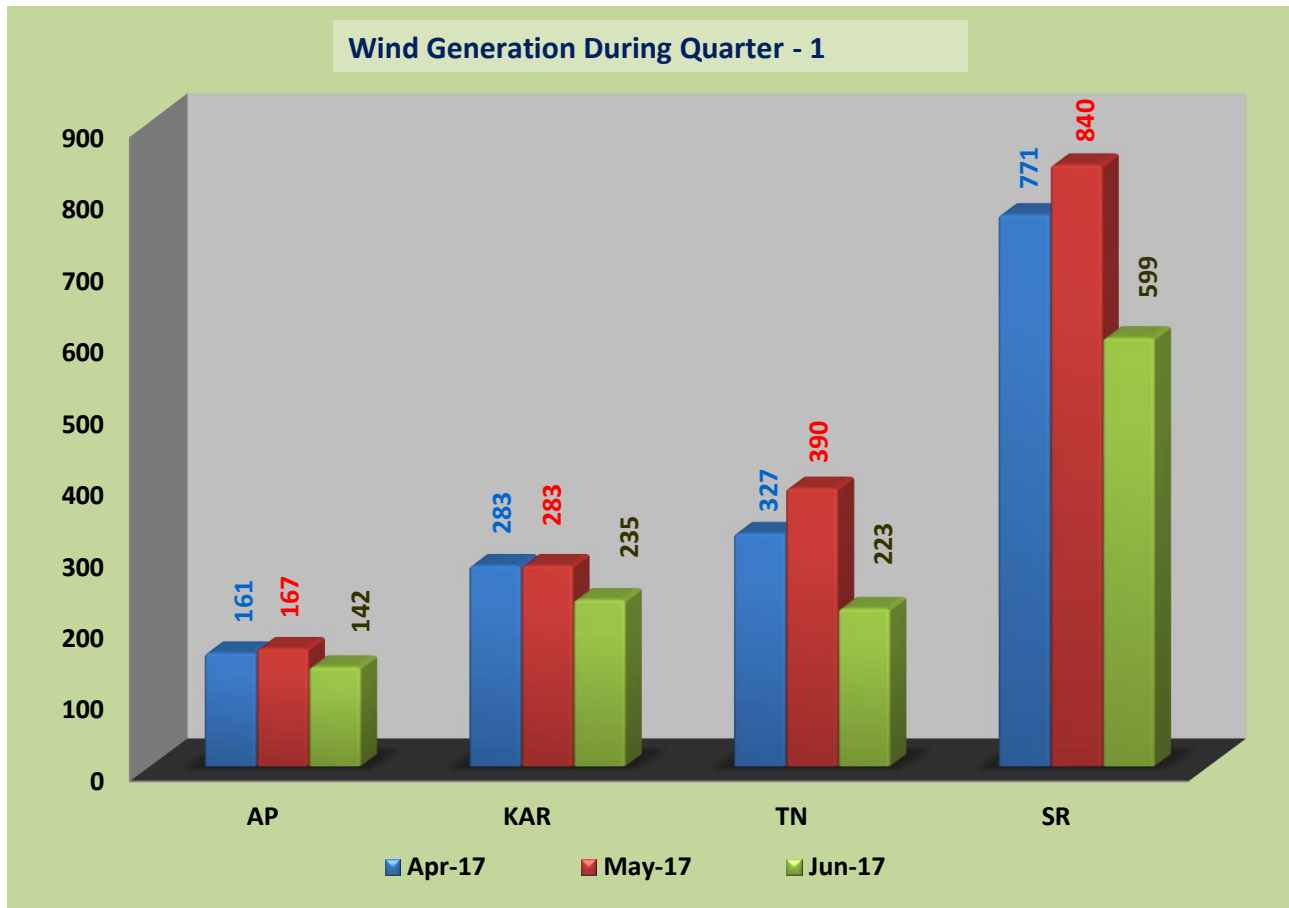
Month	Wardha-Nizamabad
	Import SR(MU)
Apr-17	-
May-17	383
Jun-17	449

4. SCHEDULE vs ACUAL DRAWAL BY STATES

Month	STATE / UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Apr-17	APTRANSCO	904.7	996.4	91.7
	TSTRANSCO	2369.0	2337.8	-31.2
	KPTCL	2329.4	2420.6	91.2
	KSEB	1636.7	1685.9	49.2
	TNEB	4671.4	4711.6	40.1
	PONDY	235.7	225.7	-10.0
	GOA	50.0	55.3	5.3
May-17	APTRANSCO	1281.3	1401.9	120.5
	TSTRANSCO	1947.5	1842.7	-104.8
	KPTCL	2092.3	2186.8	94.5
	KSEB	1671.5	1714.2	42.7
	TNEB	4219.1	4232.5	13.4
	PONDY	241.3	233.1	-8.2
	GOA	56.5	59.9	3.4
Jun-17	APTRANSCO	1133.1	1272.3	139.2
	TSTRANSCO	1753.1	1680.9	-72.2
	KPTCL	2044.3	2150.9	106.6
	KSEB	1458.1	1508.6	50.5
	TNEB	3409.6	3392.5	-17.1
	PONDY	233.4	223.0	-10.4
	GOA	48.9	49.6	0.7

5) Wind Generation in Southern region during Quarter - 1

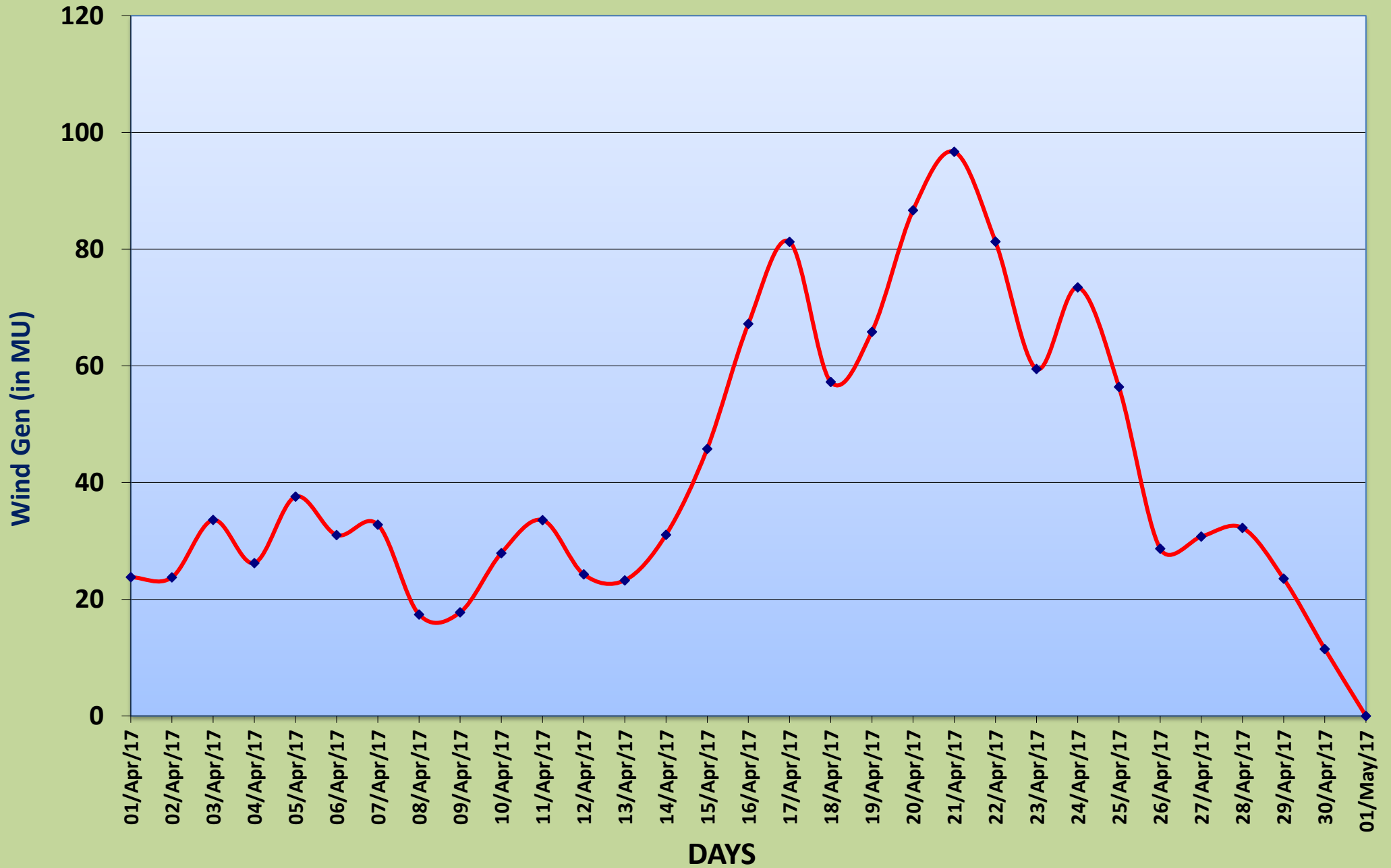
Month	AP(MU)	KAR(MU)	TN (MU)	SR (MU)
<i>Apr-17</i>	188.24	284.64	791.11	1263.99
<i>May-17</i>	353.57	449.28	1361.74	2164.59
<i>Jun-17</i>	911.79	890.44	2438.81	4241.05



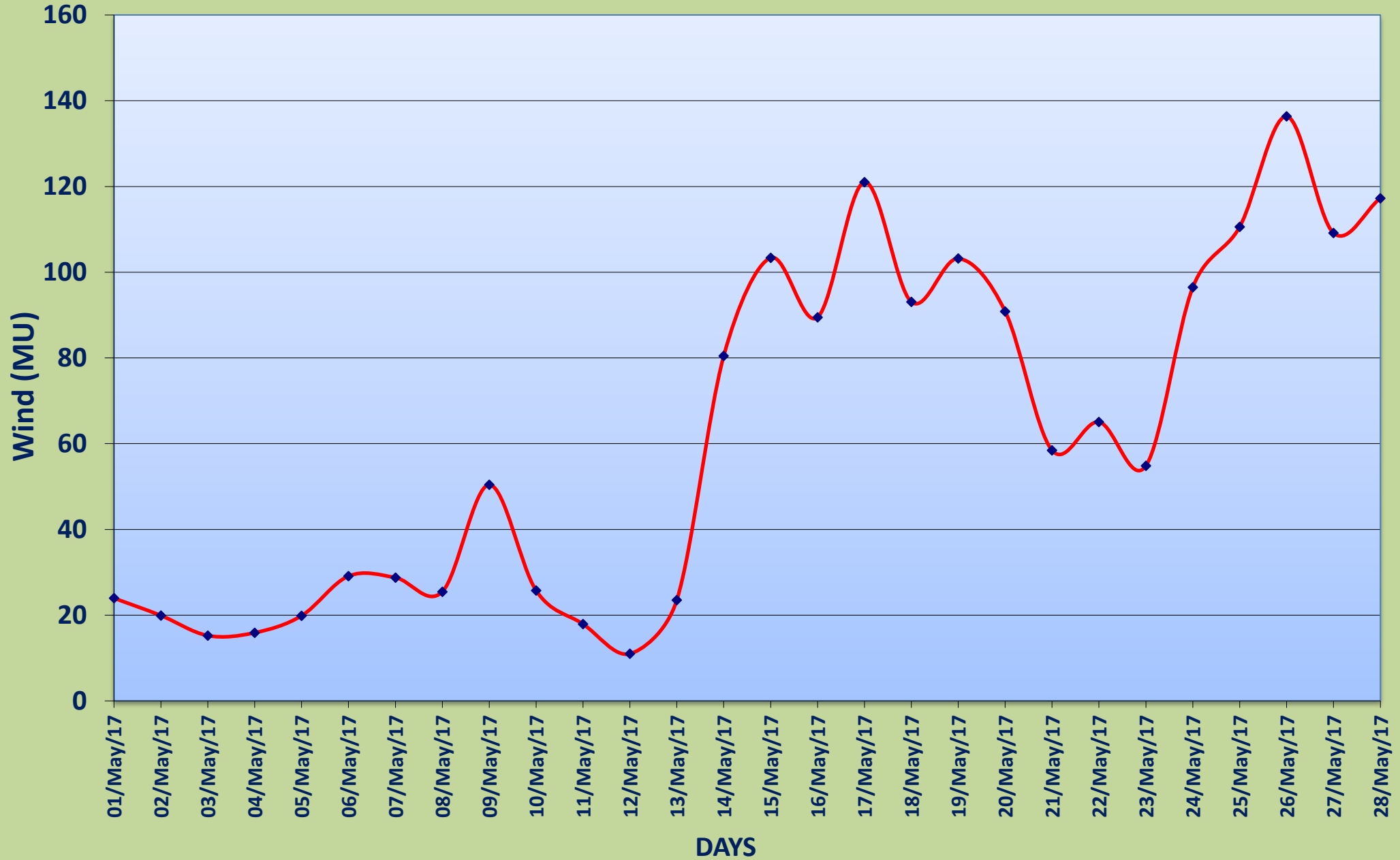
5.1) % of wind in the total demand met by Region

Month	TOTAL WIND (MUs)	ENERGY MET (MUs)	% ENERGY MET
<i>Apr-17</i>	1264	28365	4.46
<i>May-17</i>	2165	26955	8.03
<i>Jun-17</i>	4241	24474	17.33

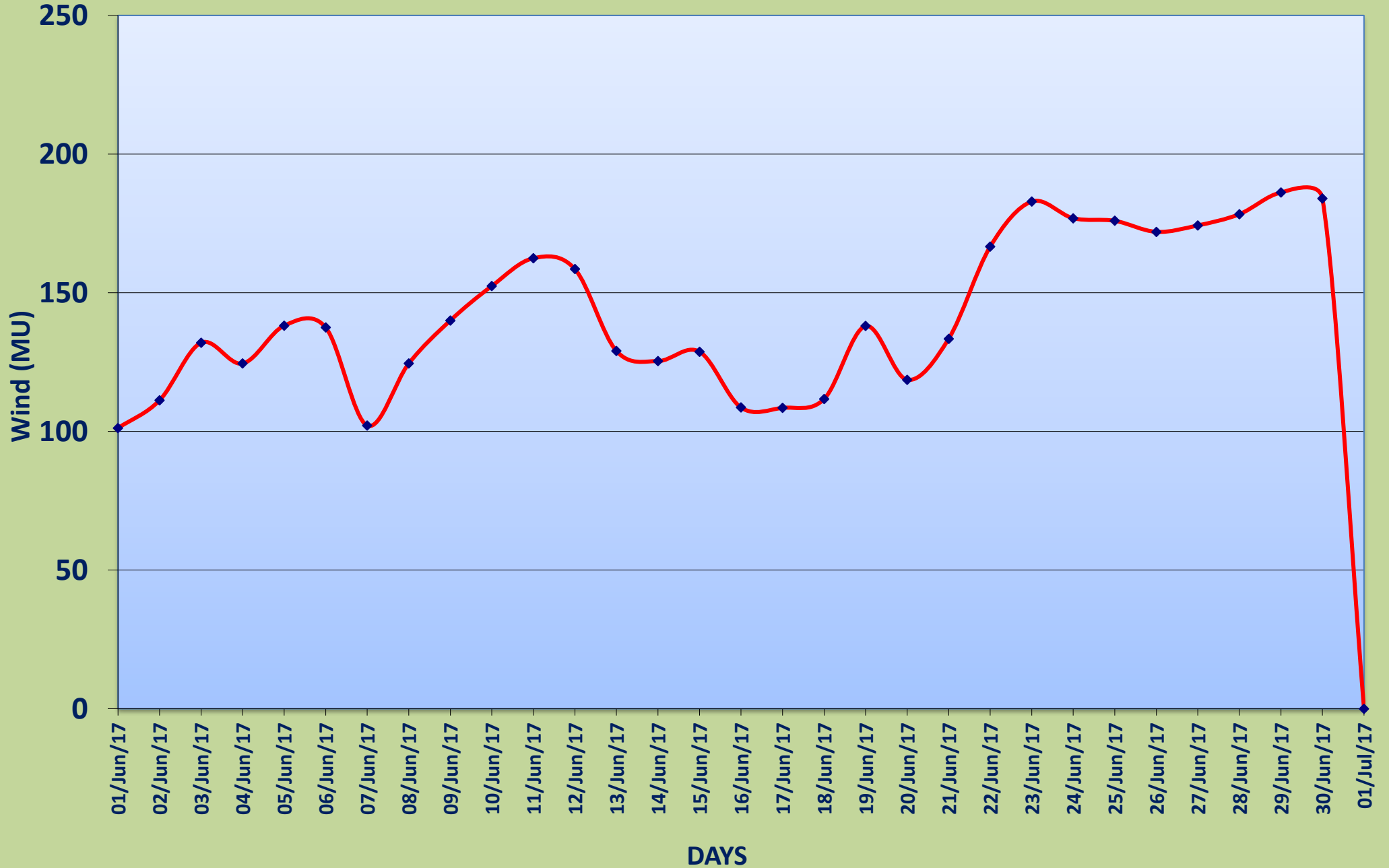
Wind Generation in MU's During April 2017



Wind Generation in MU's During May 2017



Wind Generation in MU's During June 2017



6. SUMMARY REPORT

I) Important Events

a) COMMISSIONING OF NEW GENERATING UNITS

SI. No.	STATE/ISGS	STATION NAME	CAPACITY (MW)	TYPE	DATE
1					

b. COMMISSIONING OF NEW TRANSMISSION LINES

SI. No.	CONSTITUENT	LINE NAME & CKT NO.	KV	LENGTH (KM)	DATE
1	POWERGRID	400KV TUMKUR - BIDADI (AFTER REARRANGEMENT)	400	92.57	01-Apr-17
2	POWERGRID	400KV NEELAMANGALA - BIDADI 1	400	34.75	02-Apr-17
3	POWERGRID	400KV NEELAMANGALA - BIDADI 2	400	34.75	02-Apr-17
4	KTL	400KV DINDI - SRISAILAM 1	400	73.02	24-Apr-17
5	KTL	400KV DINDI - SRISAILAM 2	400	73.02	24-Apr-17
6	APTRANSCO	400KV DINDI -MAMIDIPALLY	400	134.82	25-Apr-17
7	APTRANSCO	400KV DINDI - SKPALLY	400	74.92	21-Apr-17
8	TSTRANSCO	230KV KALVINDAPATTU - OMEGA	230	29.50	25-Apr-17
9	TSTRANSCO	400KV SHANKARPALLY-SURYAPET 1	400	0.00	06-May-17
10	TSTRANSCO	400KV SHANKARPALLY-SURYAPET 2	400	0.00	06-May-17
11	TSTRANSCO	400KV RTPP-CHITTOR-1	400	0.00	22-May-17
12	APTRANSCO	400KV RTPP-CHITTOR-2	400	0.00	22-May-17
13	TANTRANSCO	400KV KANARPATTI-KAYATHAR 1	400	12.68	24-Jun-17
14	TANTRANSCO	400KV KANARPATTI-KAYATHAR 2	400	12.68	24-Jun-17

c. COMMISSIONING OF NEW SUBSTATIONS

SI. No.	CONSTITUENT	STATION NAME	KV RATIO	CAPACITY (MVA)	DATE
1	APTRANSCO	ICT-3 AT VEMAGIRI	400/220	315.00	14-Apr-17
2	PGCIL	ICT-1 NIZAMABAD	765/400	1500.00	07-Apr-17
3	APTRANSCO	ICT-2 AT GHANI	400/220	500.00	07-Apr-17
4	APTRANSCO	ICT-2 AT JAMMALAMADUGU	400/220	200.00	07-Apr-17
5	APTRANSCO	ICT-3 AT URAVAKONDA	400/220	315.00	30-May-17
6	PGCIL	ICT-3 AT WARANGAL	400/220	315.00	19-May-17
7	PGCIL	3x 33.33 MVA COUPLING TRANSFORMER at NP Kunta	400/220	100.00	13-May-17
8	APTRANSCO	ICT-1 AT CHITTOOR(REPLACED)	400/220	315.00	19-Jun-17
9	KSEB	ICT-3 AT TRICHY	400/220	500.00	08-Jun-17

d) COMMISSIONING OF NEW LINE / BUS REACTORS

SI. No.	CONSTITUENT	STATION NAME	BUS/LINE	CAPACITY (MVAR)	DATE
1	APTRANSCO	GHANI	BUS	125.00	24-Apr-17
2	POWERGRID	400KV VIJAYAWADA B/R-3	BUS	125.00	01-Apr-17
3	POWERGRID	+/- 50 MVAR STATCOM 1 at NP KUNTA	BUS	'+/- 50	16-May-17
4	POWERGRID	+/- 50 MVAR STATCOM 2 at NP KUNTA	BUS	'+/- 50	16-May-17
5	POWERGRID	765 Kv MAHESHWARAM-NIZAMABAD	LINE	240.00	22-Jun-17